



## SEQUENCE LISTING

<110> Heller, Michael J.

Tu, Eugene

Sosnowski, Ronald G.

O'Connell, James P.

<120> METHODS FOR ELECTRONIC FLUORESCENT PERTURBATION FOR  
ANALYSIS AND ELECTRONIC PERTURBATION CATALYSIS FOR  
SYNTHESIS

<130> DAVID B. MURPHY: Nanogen 250/139

<140> Not Yet Assigned

<141> 2000-02-02

<160> 20

<170> PatentIn Ver. 2.0

<210> 1

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthesized  
probe

<400> 1

aaattttaat atataat

17

<210> 2

<211> 19

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthesized  
probe

<400> 2

ccacgtagaa ctgctcatc

19

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<213> Artificial Sequence

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<223> Description of Artificial Sequence:  
Buffer-containing peptide structure

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Gly His Phe Cys Phe Gly

1

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<210> 4

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<223> Description of Artificial Sequence:

Buffer-containing peptide structure

<400> 4

Gly His Pro Cys Pro Gly

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<210> 5

<211> 22

<212> DNA

<213> Human RAS

<400> 5

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<223> Description of Artificial Sequence: Quencher

acceptor target probes

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<212> DNA

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acceptor target probes

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<210> 16

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<212> DNA

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Quencher  
acceptor target probes

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acceptor target probes

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48

<210> 19

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<223> Description of Artificial Sequence: Energy

Transfer Probes

<400> 19

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19

<210> 20

<211> 21

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Energy

Transfer Probes

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